

SEQUENCE LISTING

<110> Suzuki, Koichi
 Sakai, Masato
 <120> Royal Jelly Peptide and Composition Containing the Same
 <130> 2006_0470A
 <140> 10/573,794
 <141> 2006-03-28
 <150> JP 2003-338665
 <151> 2003-09-29
 <150> PCT/JP2004/014544
 <151> 2004-09-27
 <160> 17
 <170> PatentIn version 3.1
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gtttctgcag tactgctggc tcagactctg gttaacatcc 40

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 <400> 12
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 <400> 13
 agaggagagt tagagcccta ttaagcgaaa acg 33

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1 5 10 15

caa atc aac agt ttg gtt tca tct atc gtg tct ggt gcc aac gtg tca 96
Gln Ile Asn Ser Leu Val Ser Ser Ile Val Ser Gly Ala Asn Val Ser
20 25 30

gca gta ctc cta gct caa act tta gtt aat atc ctg caa att nnn atc 144
Ala Val Leu Leu Ala Gln Thr Leu Val Asn Ile Leu Gln Ile Xaa Ile
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gac gct aat gtt ttc gct 162
Asp Ala Asn Val Phe Ala
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<223> The 'Xaa' at location 47 stands for Lys, Asn, Arg, Ser, Thr, Ile,
Met, Xaa, Glu, Asp, Gly, Ala, Val, Gln; His, Pro, Leu, Tyr, Trp,
Cys, or Phe.

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Lys Thr Ser Ile Ser Val Lys Gly Glu Ser Asn Val Asp Val Val Ser
1 5 10 15

Gln Ile Asn Ser Leu Val Ser Ser Ile Val Ser Gly Ala Asn Val Ser
20 25 30

Ala Val Leu Leu Ala Gln Thr Leu Val Asn Ile Leu Gln Ile Xaa Ile
35 40 45

Asp Ala Asn Val Phe Ala
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<400> 16

aaa aca tca atc agt gtc aaa ggc gaa tcg aac gtg gat gtc gtt tcc 48
Lys Thr Ser Ile Ser Val Lys Gly Glu Ser Asn Val Asp Val Val Ser
1 5 10 15

caa atc aac agt ttg gtt tca tct atc gtg tct ggt gcc aac gtg tca 96
Gln Ile Asn Ser Leu Val Ser Ser Ile Val Ser Gly Ala Asn Val Ser
20 25 30

gca gta ctc cta gct caa act tta gtt aat atc ctg caa att ctt atc 144
Ala Val Leu Leu Ala Gln Thr Leu Val Asn Ile Leu Gln Ile Leu Ile
35 40 45

gac gct aat gtt ttc gct 162
Asp Ala Asn Val Phe Ala
50

<210> 17

<211> 54

<212> PRT

<213> bee

<400> 17

Lys Thr Ser Ile Ser Val Lys Gly Glu Ser Asn Val Asp Val Val Ser
1 5 10 15

Gln Ile Asn Ser Leu Val Ser Ser Ile Val Ser Gly Ala Asn Val Ser
20 25 30

Ala Val Leu Leu Ala Gln Thr Leu Val Asn Ile Leu Gln Ile Leu Ile
35 40 45

Asp Ala Asn Val Phe Ala
50